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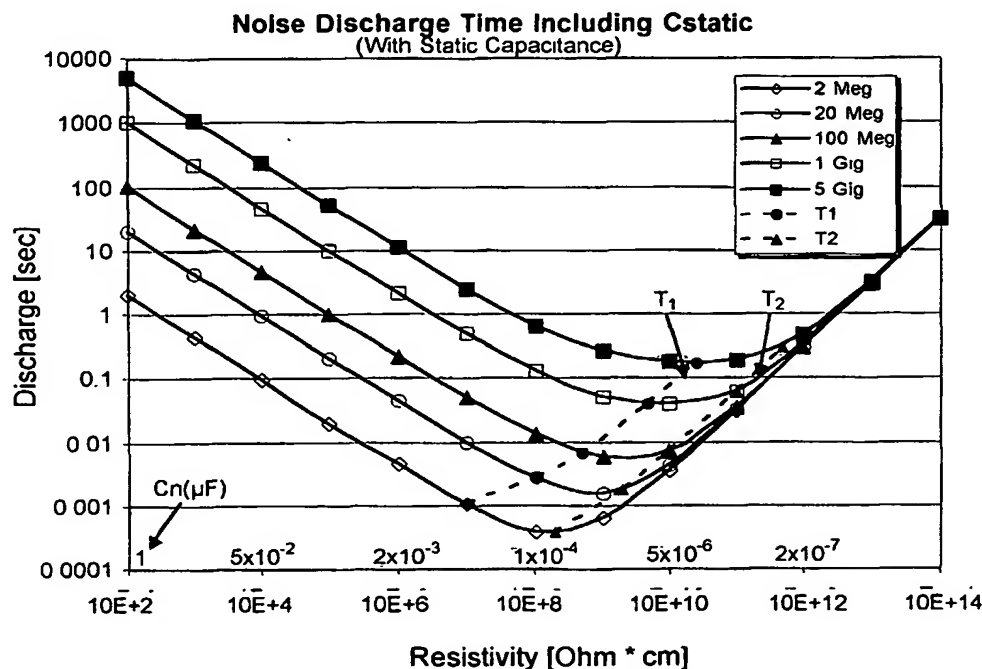
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(54) Title: **SKIN IMPEDANCE MATCHED BIOPOTENTIAL ELECTRODE**



(57) Abstract: A bio-electrode for detecting heart signals and the like comprises a dry electrode surface having an elevated resistivity to reduce the effect of polarization noise. The electrode is combined with a circuit having an external discharge resistor across which an output signal is obtained wherein the discharge resistor has a value which reduces the time constant of polarization noise to less than one second.

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